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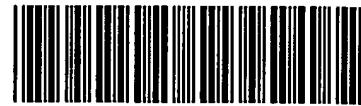
The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/530,106 A

Source: TFWP

Date Processed by STIC: 08/04/2006

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IFWP

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/530,106A

DATE: 08/04/2006

TIME: 13:08:04

Input Set : A:\PTO.KD.txt

Output Set: N:\CRF4\08042006\J530106A.raw

5 <110> APPLICANT: Hooft Van Huijsdijnen, Rob
 6 Walchli, Sebastien
 9 <120> TITLE OF INVENTION: Use of protein tyrosine phosphatase inhibitors
 for prevention and/or
 10 treatment of cancer
 14 <130> FILE REFERENCE: SLII-P01-003
 17 <140> CURRENT APPLICATION NUMBER: US 10/530,106A
 C--> 18 <141> CURRENT FILING DATE: 2005-04-01
 21 <150> PRIOR APPLICATION NUMBER: EP 02022227.9
 22 <151> PRIOR FILING DATE: 2002-10-02
 25 <160> NUMBER OF SEQ ID NOS: 34
 29 <170> SOFTWARE: PatentIn version 3.1
 33 <210> SEQ ID NO: 1
 35 <211> LENGTH: 1115
 37 <212> TYPE: PRT
 39 <213> ORGANISM: Homo sapiens
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 49 Leu Gly Leu Cys Ser Trp Thr Gly Ala Arg Ala Pro Ala Pro Asn Pro
 50 20 25 30
 53 Gly Arg Asn Leu Thr Val Glu Thr Gln Thr Ser Ser Ile Ser Leu
 54 35 40 45
 57 Ser Trp Glu Val Pro Asp Gly Leu Asp Ser Gln Asn Ser Asn Tyr Trp
 58 50 55 60
 61 Val Gln Cys Thr Gly Asp Gly Gly Thr Glu Thr Arg Asn Thr Thr
 62 65 70 75 80
 65 Ala Thr Asn Val Thr Val Asp Gly Leu Gly Pro Gly Ser Leu Tyr Thr
 66 85 90 95
 69 Cys Ser Val Trp Val Glu Lys Asp Gly Val Asn Ser Ser Val Gly Thr
 70 100 105 110
 73 Val Thr Thr Ala Thr Ala Pro Asn Pro Val Arg Asn Leu Arg Val Glu
 74 115 120 125
 77 Ala Gln Thr Asn Ser Ser Ile Ala Leu Thr Trp Glu Val Pro Asp Gly
 78 130 135 140
 81 Pro Asp Pro Gln Asn Ser Thr Tyr Gly Val Glu Tyr Thr Gly Asp Gly
 82 145 150 155 160
 85 Gly Arg Ala Gly Thr Arg Ser Thr Ala His Thr Asn Ile Thr Val Asp
 86 165 170 175
 89 Gly Leu Glu Pro Gly Cys Leu Tyr Ala Phe Ser Met Trp Val Gly Lys
 90 180 185 190
 93 Asn Gly Ile Asn Ser Ser Arg Glu Thr Arg Asn Ala Thr Thr Ala His
 94 195 200 205
 97 Asn Pro Val Arg Asn Leu Arg Val Glu Ala Gln Thr Thr Ser Ser Ile

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| 98 | 210 | 215 | 220 | |
| 101 | Ser Leu Ser Trp Glu Val Pro Asp Gly Thr Asp Pro Gln Asn Ser Thr | | | |
| 102 | 225 | 230 | 235 | 240 |
| 105 | Tyr Cys Ile Gln Cys Thr Gly Asp Gly Gly Arg Thr Glu Thr Arg Asn | | | |
| 106 | 245 | 250 | 255 | |
| 109 | Thr Thr Asp Thr Arg Val Thr Val Asp Gly Leu Gly Pro Gly Ser Leu | | | |
| 110 | 260 | 265 | 270 | |
| 113 | Tyr Thr Cys Ser Val Trp Val Glu Lys Asp Gly Val Asn Ser Ser Val | | | |
| 114 | 275 | 280 | 285 | |
| 117 | Glu Ile Val Thr Ser Thr Ala Pro Asn Pro Val Arg Asn Leu Thr | | | |
| 118 | 290 | 295 | 300 | |
| 121 | Val Glu Ala Gln Thr Asn Ser Ser Ile Ala Leu Thr Trp Glu Val Pro | | | |
| 122 | 305 | 310 | 315 | 320 |
| 125 | Asp Gly Pro Asp Pro Gln Asn Ser Thr Tyr Gly Val Glu Tyr Thr Gly | | | |
| 126 | 325 | 330 | 335 | |
| 129 | Asp Gly Gly Arg Ala Gly Thr Arg Ser Thr Ala His Thr Asn Ile Thr | | | |
| 130 | 340 | 345 | 350 | |
| 133 | Val Asp Arg Leu Glu Pro Gly Cys Leu Tyr Val Phe Ser Val Trp Val | | | |
| 134 | 355 | 360 | 365 | |
| 139 | Gly Lys Asn Gly Ile Asn Ser Ser Arg Glu Thr Arg Asn Ala Thr Thr | | | |
| 140 | 370 | 375 | 380 | |
| 143 | Ala Pro Asn Pro Val Arg Asn Leu His Met Glu Thr Gln Thr Asn Ser | | | |
| 144 | 385 | 390 | 395 | 400 |
| 147 | Ser Ile Ala Leu Cys Trp Glu Val Pro Asp Gly Pro Tyr Pro Gln Asp | | | |
| 148 | 405 | 410 | 415 | |
| 151 | Tyr Thr Tyr Trp Val Glu Tyr Thr Gly Asp Gly Gly Thr Glu Thr | | | |
| 152 | 420 | 425 | 430 | |
| 155 | Arg Asn Thr Thr Asn Thr Ser Val Thr Ala Glu Arg Leu Glu Pro Gly | | | |
| 156 | 435 | 440 | 445 | |
| 159 | Thr Leu Tyr Thr Phe Ser Val Trp Ala Glu Lys Asn Gly Ala Arg Gly | | | |
| 160 | 450 | 455 | 460 | |
| 163 | Ser Arg Gln Asn Val Ser Ile Ser Thr Val Pro Asn Ala Val Thr Ser | | | |
| 164 | 465 | 470 | 475 | 480 |
| 167 | Leu Ser Lys Gln Asp Trp Thr Asn Ser Thr Ile Ala Leu Arg Trp Thr | | | |
| 168 | 485 | 490 | 495 | |
| 171 | Ala Pro Gln Gly Pro Gly Gln Ser Ser Tyr Ser Tyr Trp Val Ser Trp | | | |
| 172 | 500 | 505 | 510 | |
| 175 | Val Arg Glu Gly Met Thr Asp Pro Arg Thr Gln Ser Thr Ser Gly Thr | | | |
| 176 | 515 | 520 | 525 | |
| 179 | Asp Ile Thr Leu Lys Glu Leu Glu Ala Gly Ser Leu Tyr His Leu Thr | | | |
| 180 | 530 | 535 | 540 | |
| 183 | Val Trp Ala Glu Arg Asn Glu Val Arg Gly Tyr Asn Ser Thr Leu Thr | | | |
| 184 | 545 | 550 | 555 | 560 |
| 187 | Ala Ala Thr Ala Pro Asn Glu Val Thr Asp Leu Gln Asn Glu Thr Gln | | | |
| 188 | 565 | 570 | 575 | |
| 191 | Thr Lys Asn Ser Val Met Leu Trp Trp Lys Ala Pro Gly Asp Pro His | | | |
| 192 | 580 | 585 | 590 | |
| 195 | Ser Gln Leu Tyr Val Tyr Trp Val Gln Trp Ala Ser Lys Gly His Pro | | | |
| 196 | 595 | 600 | 605 | |

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199 Arg Arg Gly Gln Asp Pro Gln Ala Asn Trp Val Asn Gln Thr Ser Arg
 200 610 615 620
 203 Thr Asn Glu Thr Trp Tyr Lys Val Glu Ala Leu Glu Pro Gly Thr Leu
 204 625 630 635 640
 207 Tyr Asn Phe Thr Val Trp Ala Glu Arg Asn Asp Val Ala Ser Ser Thr
 208 645 650 655
 211 Gln Ser Leu Cys Ala Ser Thr Tyr Pro Asp Thr Val Thr Ile Thr Ser
 212 660 665 670
 215 Cys Val Ser Thr Ser Ala Gly Tyr Gly Val Asn Leu Ile Trp Ser Cys
 216 675 680 685
 219 Pro Gln Gly Gly Tyr Glu Ala Phe Glu Leu Glu Val Gly Gly Gln Arg
 220 690 695 700
 223 Gly Ser Gln Asp Arg Ser Ser Cys Gly Glu Ala Val Ser Val Leu Gly
 224 705 710 715 720
 227 Leu Gly Pro Ala Arg Ser Tyr Pro Ala Thr Ile Thr Thr Ile Trp Asp
 228 725 730 735
 231 Gly Met Lys Val Val Ser His Ser Val Val Cys His Thr Glu Ser Ala
 232 740 745 750
 235 Gly Val Ile Ala Gly Ala Phe Val Gly Ile Leu Leu Phe Leu Ile Leu
 236 755 760 765
 239 Val Gly Leu Leu Ile Phe Phe Leu Lys Arg Arg Asn Lys Lys Lys Gln
 240 770 775 780
 243 Gln Lys Pro Glu Leu Arg Asp Leu Val Phe Ser Ser Pro Gly Asp Ile
 244 785 790 795 800
 247 Pro Ala Glu Asp Phe Ala Asp His Val Arg Lys Asn Glu Arg Asp Ser
 248 805 810 815
 251 Asn Cys Gly Phe Ala Asp Glu Tyr Gln Gln Leu Ser Leu Val Gly His
 252 820 825 830
 255 Ser Gln Ser Gln Met Val Ala Ser Ala Ser Glu Asn Asn Ala Lys Asn
 256 835 840 845
 259 Arg Tyr Arg Asn Val Leu Pro Tyr Asp Trp Ser Arg Val Pro Leu Lys
 260 850 855 860
 263 Pro Ile His Glu Glu Pro Gly Ser Asp Tyr Ile Asn Ala Ser Phe Met
 264 865 870 875 880
 267 Pro Gly Leu Trp Ser Pro Gln Glu Phe Ile Ala Thr Gln Gly Pro Leu
 268 885 890 895
 271 Pro Gln Thr Val Gly Asp Phe Trp Arg Leu Val Trp Glu Gln Gln Ser
 272 900 905 910
 275 His Thr Leu Val Met Leu Thr Asn Cys Met Glu Ala Gly Arg Val Lys
 276 915 920 925
 279 Cys Glu His Tyr Trp Pro Leu Asp Ser Gln Pro Cys Thr His Gly His
 280 930 935 940
 283 Leu Arg Val Thr Leu Val Gly Glu Glu Val Met Glu Asn Trp Thr Val
 284 945 950 955 960
 287 Arg Glu Leu Leu Leu Gln Val Glu Glu Gln Lys Thr Leu Ser Val
 288 965 970 975
 291 Arg Gln Phe His Tyr Gln Ala Trp Pro Asp His Gly Val Pro Ser Ser
 292 980 985 990
 295 Pro Asp Thr Leu Leu Ala Phe Trp Arg Met Leu Arg Gln Trp Leu Asp

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| | | | | |
|-----|-------------------------------------|---------------------|---------------------|-------------|
| 296 | 995 | 1000 | 1005 | |
| 299 | Gln Thr | Met Glu Gly Gly Pro | Pro Ile Val His Cys | Ser Ala Gly |
| 300 | 1010 | 1015 | 1020 | |
| 303 | Val Gly | Arg Thr Gly Thr Leu | Ile Ala Leu Asp Val | Leu Leu Arg |
| 304 | 1025 | 1030 | 1035 | |
| 307 | Gln Leu | Gln Ser Glu Gly Leu | Leu Gly Pro Phe Ser | Phe Val Arg |
| 308 | 1040 | 1045 | 1050 | |
| 311 | Lys Met | Arg Glu Ser Arg Pro | Leu Met Val Gln Thr | Glu Ala Gln |
| 312 | 1055 | 1060 | 1065 | |
| 315 | Tyr Val | Phe Leu His Gln Cys | Ile Leu Arg Phe Leu | Gln Gln Ser |
| 316 | 1070 | 1075 | 1080 | |
| 319 | Ala Gln | Ala Pro Ala Glu Lys | Glu Val Pro Tyr Glu | Asp Val Glu |
| 320 | 1085 | 1090 | 1095 | |
| 323 | Asn Leu | Ile Tyr Glu Asn Val | Ala Ala Ile Gln Ala | His Lys Leu |
| 324 | 1100 | 1105 | 1110 | |
| 327 | Glu Val | | | |
| 328 | 1115 | | | |
| 331 | <210> SEQ ID NO: 2 | | | |
| 333 | <211> LENGTH: 20 | | | |
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| 337 | <213> ORGANISM: Artificial Sequence | | | |
| 341 | <220> FEATURE: | | | |
| 343 | <223> OTHER INFORMATION: Primer | | | |
| 345 | <400> SEQUENCE: 2 | | | |
| 346 | ccagctcacc atggatgatg | | | 20 |
| 349 | <210> SEQ ID NO: 3 | | | |
| 351 | <211> LENGTH: 22 | | | |
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| 355 | <213> ORGANISM: Artificial Sequence | | | |
| 359 | <220> FEATURE: | | | |
| 361 | <223> OTHER INFORMATION: Primer | | | |
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| 371 | <212> TYPE: DNA | | | |
| 373 | <213> ORGANISM: Artificial Sequence | | | |
| 377 | <220> FEATURE: | | | |
| 379 | <223> OTHER INFORMATION: Primer | | | |
| 381 | <400> SEQUENCE: 4 | | | |
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| 397 | <223> OTHER INFORMATION: Primer | | | |
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| 400 | gcgagtccag aggccagtaa | | | 20 |

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Input Set : A:\PTO.KD.txt
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413 <220> FEATURE:
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418 gcgagtccag aggccagtaa
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425 <212> TYPE: DNA
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433 <223> OTHER INFORMATION: Primer
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443 <212> TYPE: DNA
445 <213> ORGANISM: Artificial Sequence
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461 <212> TYPE: DNA
463 <213> ORGANISM: Artificial Sequence
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477 <211> LENGTH: 21
479 <212> TYPE: DNA
481 <213> ORGANISM: Artificial Sequence
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495 <211> LENGTH: 22
497 <212> TYPE: DNA
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505 <223> OTHER INFORMATION: Primer
507 <400> SEQUENCE: 11
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511 <210> SEQ ID NO: 12

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VERIFICATION SUMMARY DATE: 08/04/2006
PATENT APPLICATION: US/10/530,106A TIME: 13:08:05

Input Set : A:\PTO.KD.txt
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